

10139085-AA B C D E G V FF

AA	POSITION	DIMENSION		
		"A"	"B"	"C"
06	2X30	23.2	29.8	28.2
08	2X40	31.2	37.8	36.2
12	2X60	47.2	53.8	52.2

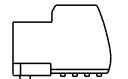
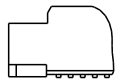
B	HEIGHT
1	SEE SHEET 2
4	SEE SHEET 3

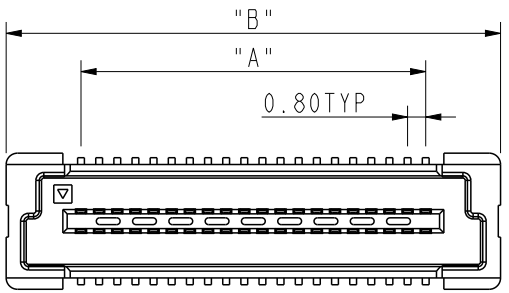
C	PLATING: CONTACT AREA/SOLDER AREA	FF
4	GOLD 0.2um MIN / PURE MATT TIN NICKEL UNDERPLATE OVERALL 1.27um. (LEADFREE PLATING)	LF
5	GOLD 0.38um MIN / MATT PURE TIN NICKEL UNDERPLATE OVERALL 1.27um MIN (LEADFREE PLATING)	LF
6	GOLD FLASH OVER PALLADIUM-NICKEL 0.69um MIN / PURE MATT TIN NICKEL UNDERPLATE OVERALL 1.27um. (LEADFREE PLATING)	LF
D	GOLD 0.38um MIN / GOLD FLASH NICKEL UNDERPLATE OVERALL 1.27um MIN (LEADFREE PLATING)	LF

V	MANDATORY CODE
/	STANDARD, NOT MANDATORY P/N
T	ONLY FOR DEDICATED CUSTOMER

G	DATE CODE
/	NOT PRINT DATE CODE
P	PRINT DATE CODE

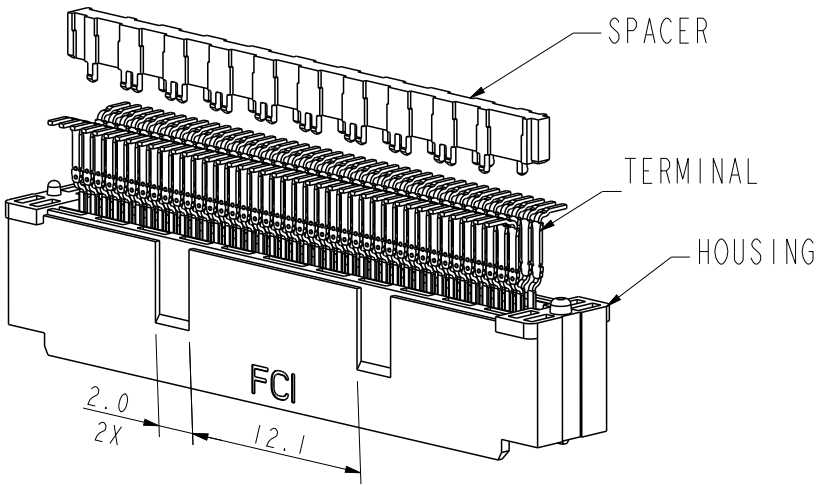
E	PACKING
2	T&R WITH METAL CAP
Q	T&R WITHOUT CAP

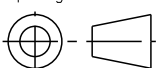
D	FEATURE
0	 WITH POLARIZATION PEGS
2	 WITHOUT POLARIZATION PEGS



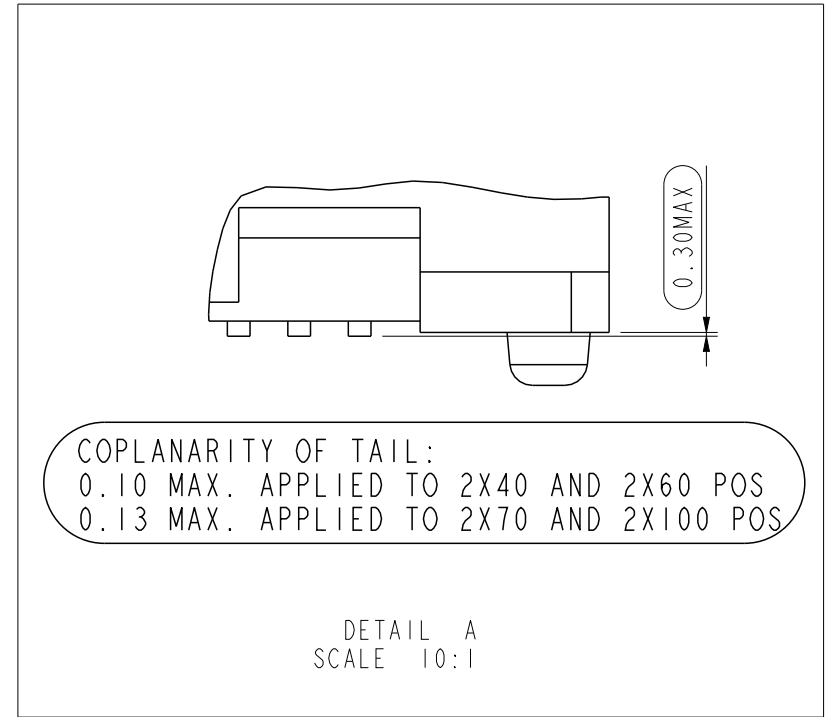
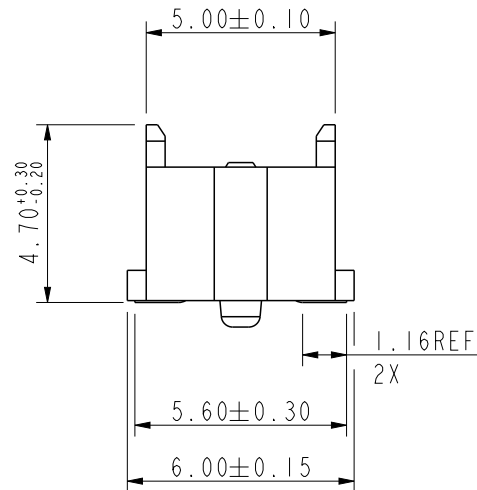
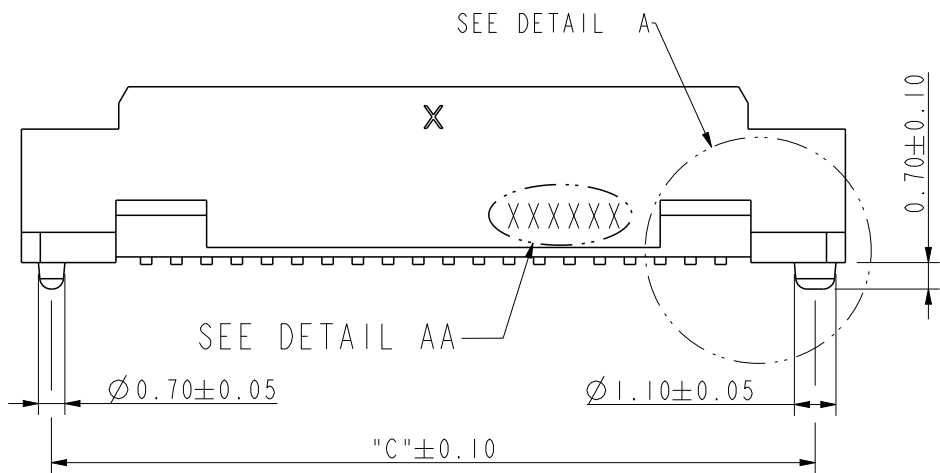
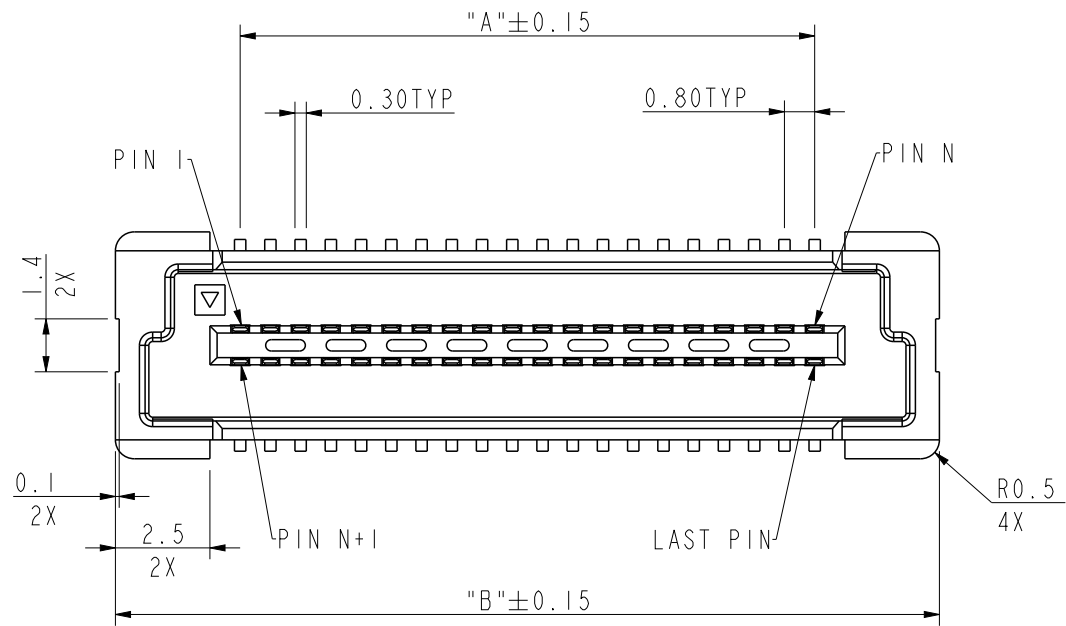
- NOTE:
- MATERIAL:
HOUSING: LCP,NATURAL, UL94-V0
SPACER: ELECTRICAL LOSSY MATERIAL
TERMINAL: COPPER ALLOY
METAL CAP: STAINLESS STEEL
 - PLATING: AS SHOWN IN TABLE.
 - SEE GS-12-1354 FOR PRODUCT SPEC.
 - PACKAGING OPTION 2: NOT ALL SIZES ARE AVAILABLE. CHECK WITH FACTORY.
 - THIS PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
 - THE HOUSING WILL WITHSTAND EXPOSURE UP TO 260° PEAK TEMPERATURE FOR 30 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
 - THE P/N 10139085-***** OR 10139085-*****LF NOT PRINT DATE CODE.
THE P/N 10139085-*****P OR 10139085-*****PLF NEED PRINT DATE CODE.
 -  DIMENSIONS NEED TO MEASURE BY QC
 - THE GROUND PINS RELATE TO DIFFERENTIAL PAIR WILL BE CONNECTED TOGETHER BY SPACER

NOTE 9			AA	POSITION	THE GND PINS OF PLUG 4 RELATE TO DIFFERENTIAL PAIR WILL BE CONNECTED TOGETHER BY SPACER;ONLY THE GND PINS ARRANGED ON BOTH SIDES CAN SUPPORT HS SIGNAL
06	2X30	4 5 8 9 12 13 16 17 20 21 24 25 28 29 32 33 36 37 40 41 44 45 48 49 52 53 56 57			
08	2X40	2 5 6 9 10 13 14 17 18 21 22 25 26 29 30 33 34 37 44 47 48 51 52 55 56 59 60 63 64 67 68 71 72 75 76 79			
12	2X60	20 21 24 25 28 29 32 33 36 37 40 41 44 45 48 49 52 53 56 57 60 82 83 86 87 90 91 94 95 98 99 102 103 106 107 110 111 114 115 118 119			



spec ref	-	dr	Eric Huang	2016/08/02	projection		mm	size	A3	scale	3:1
tolerance std	ISO 406 ISO 1101	eng	Alan Ni	2024/03/26	chr	-	-	ecn no	ELX-N-50571-1	rel level	Released
surface	linear	appr	Tim Yao	2024/03/28	product family	-	-	dwg no	10139085	rev	L
ISO 1302	angular	0°	±2°	Amphenol FCI	BERGSTAK+ 0.8mm PLUG CONN	cat. no.	-	Product - Customer Drw	sheet 1 of 4		

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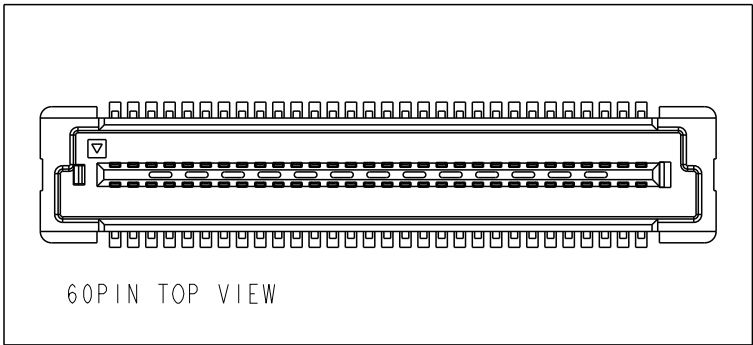
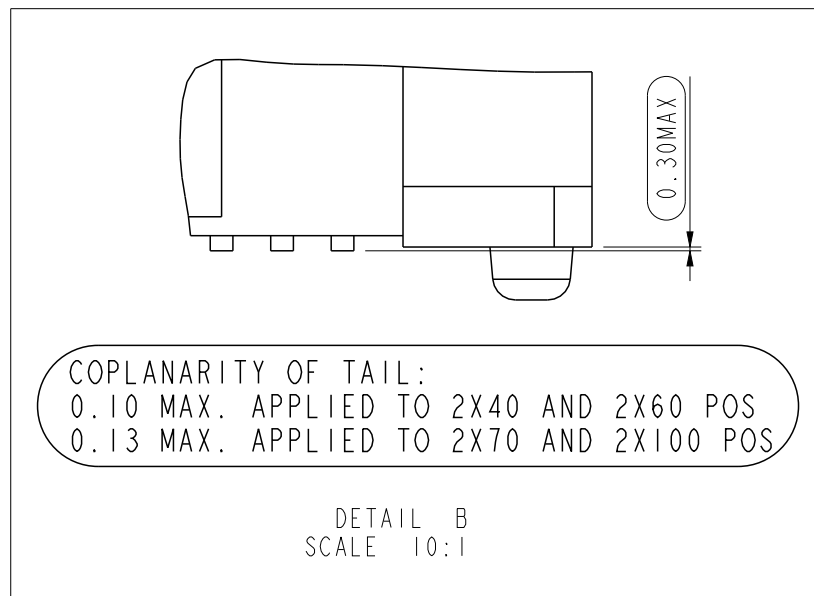
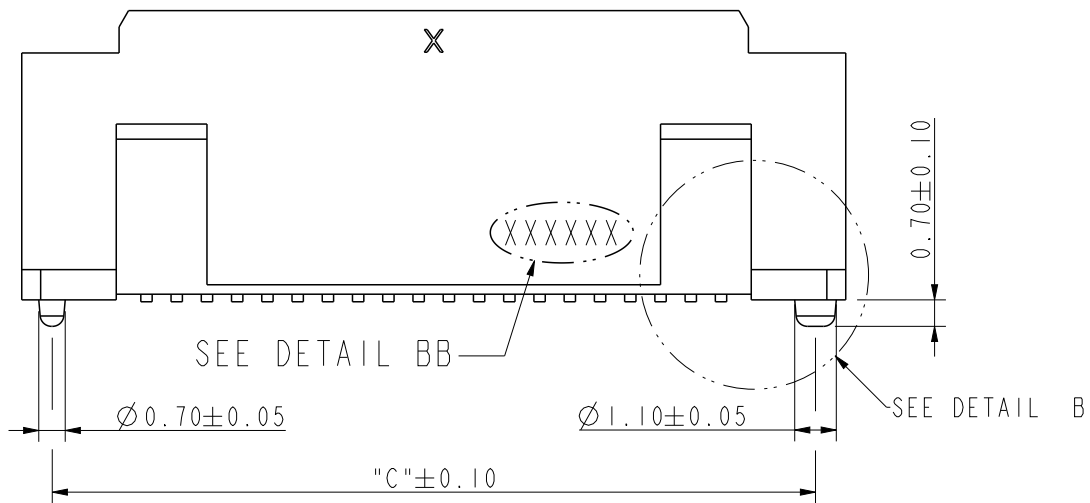
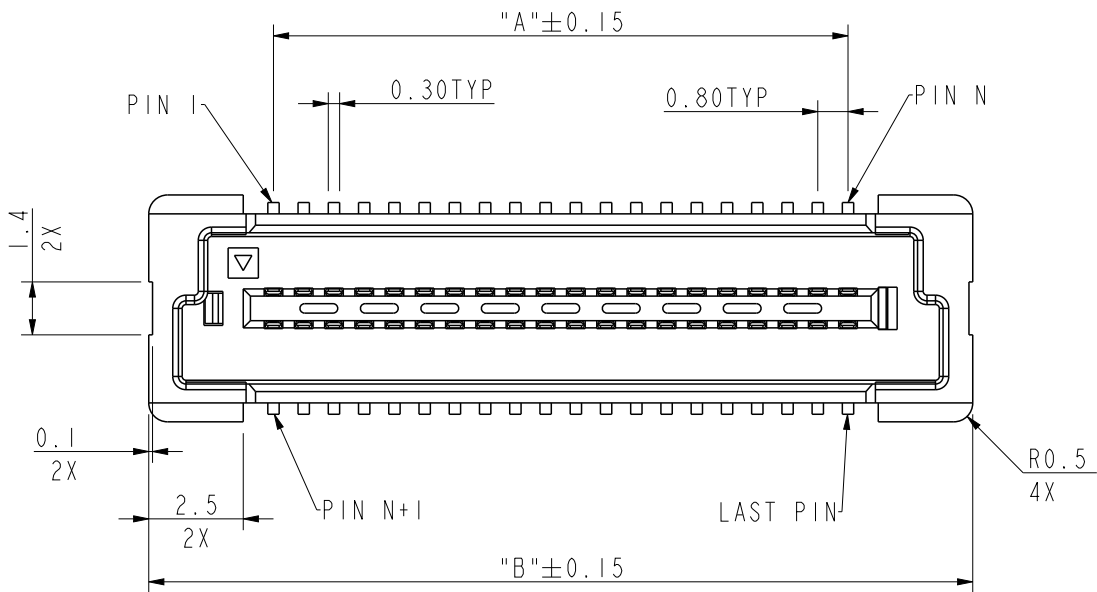
DATE CODE: XXXXXX
DAY(01~31)
MONTH(01~12)
YEAR(00~99)

DETAIL AA

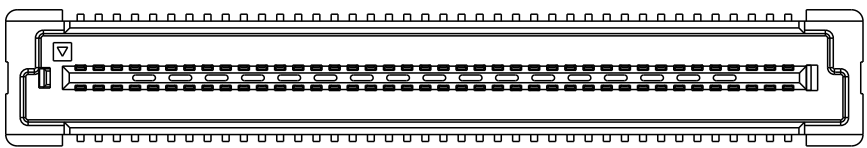
PLUG 1 WITHOUT SPACER

spec ref -		dr Eric Huang		2016/08/02		projection	mm	size A3	scale 5:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Alan Ni	2024/03/26				ecn no ELX-N-50571-1	
			chr -	-				rel level Released	
			appr Tim Yao	2024/03/28		product family -			
surface ISO 1302 ✓	linear	0.X	±0.3	Amphenol FCi	title BERGSTAK+ 0.8mm PLUG CONN	dwg no 10139085	rev L		
		0.XX	±0.15						
		0.XXX	±0.08						
	angular	0°	±2°					cat. no. -	Product - Customer Drw

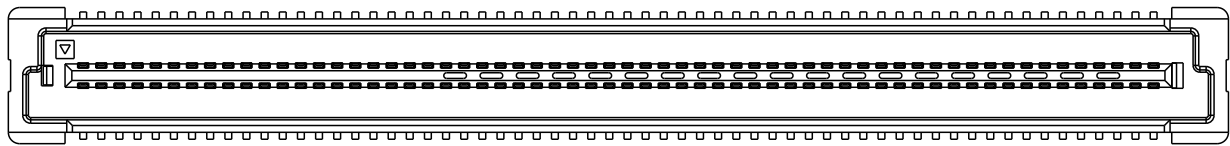
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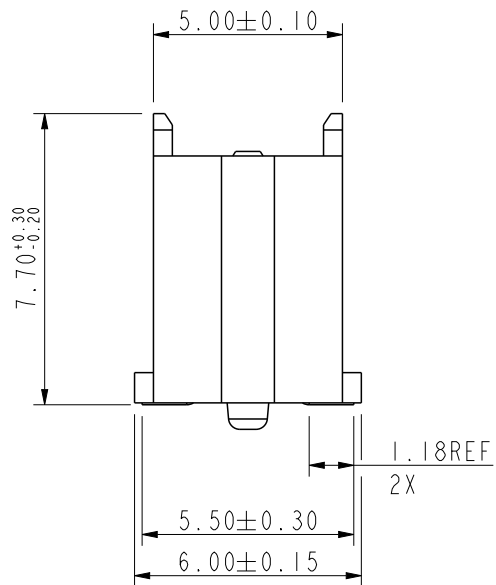
60PIN TOP VIEW



80PIN TOP VIEW



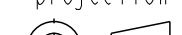
120PIN TOP VIEW



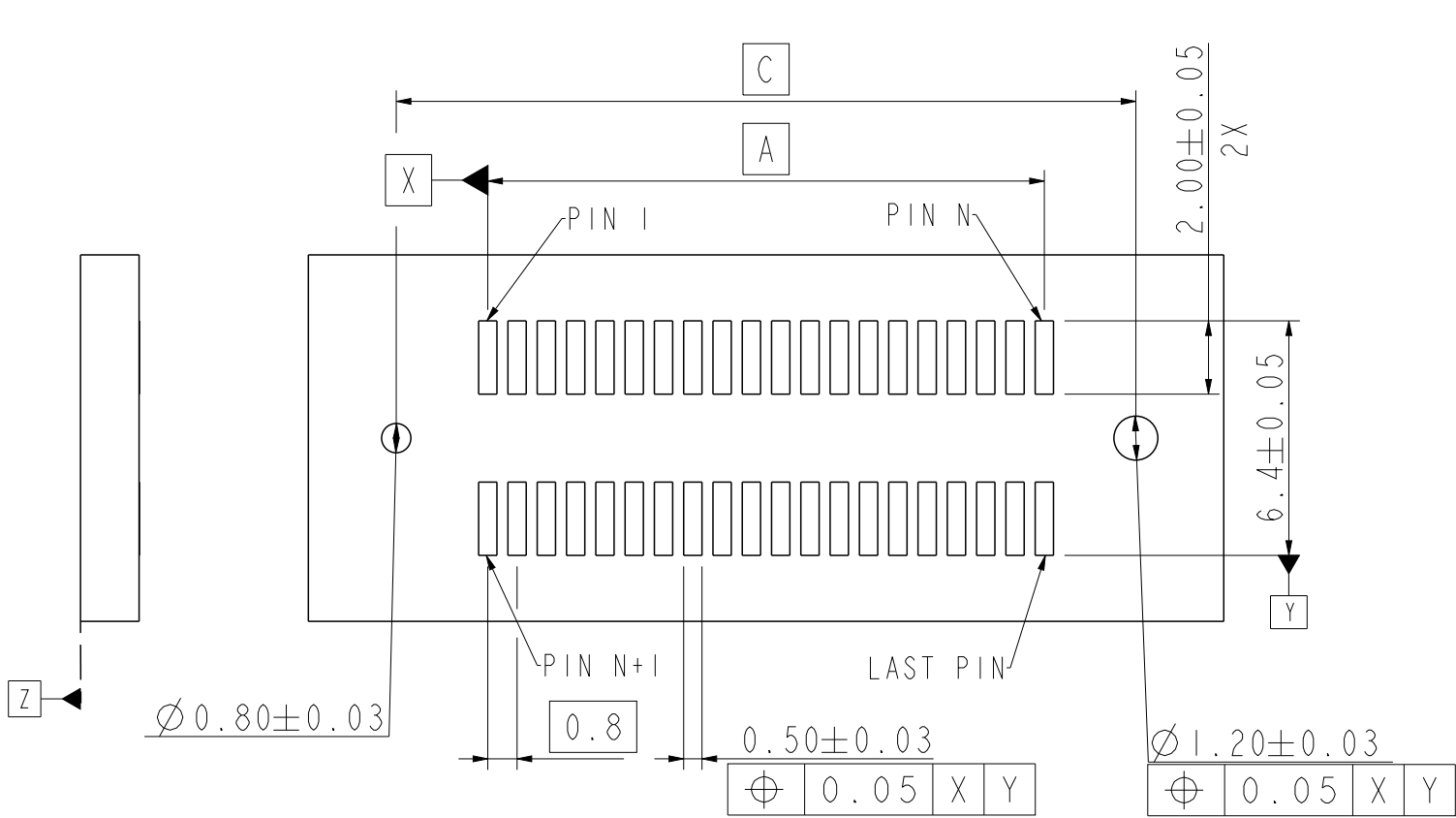
DATE CODE: XXXXXX
DAY(01~31)
MONTH(01~12)
YEAR(00~99)

DETAIL BB

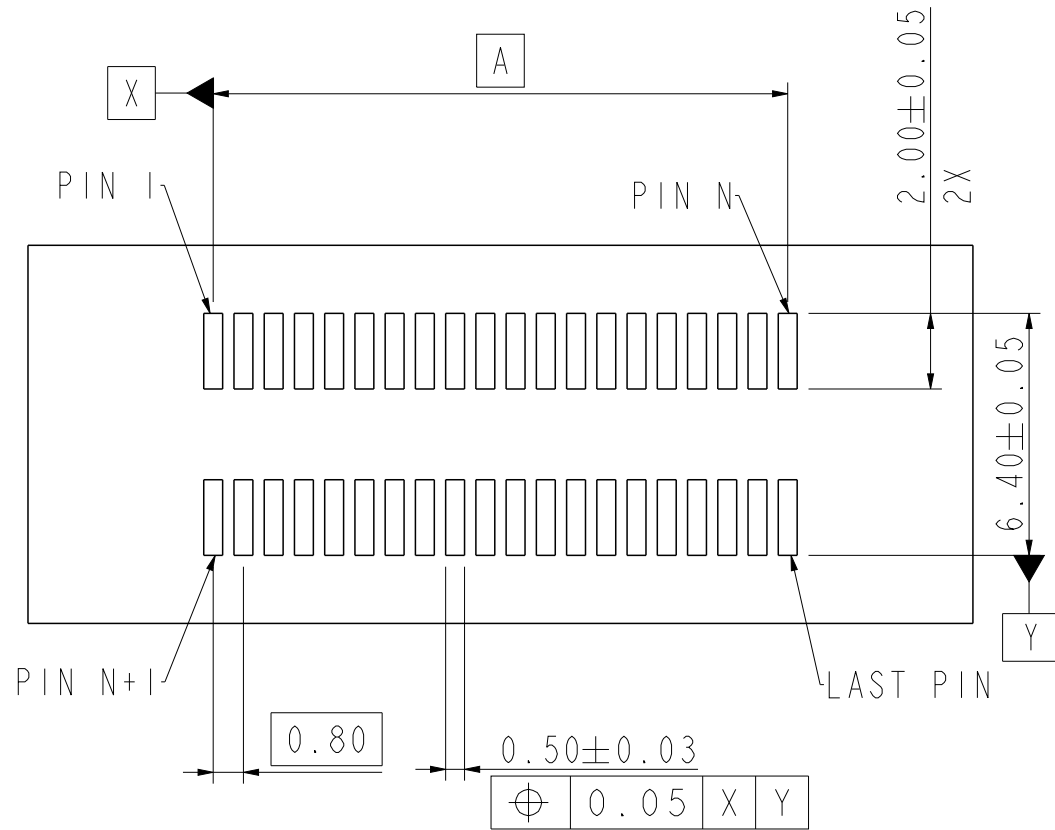
PLUG 4 WITH SPACER

spec ref -		dr Eric Huang		2016/08/02		projection 	mm 	size A3	scale 1:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Alan Ni	2024/03/26				ecn no ELX-N-50571-1	
			chr -	-				rel level Released	
			appr Tim Yao		2024/03/28				product family -
surface  ISO 1302	linear	0.X	±0.3	Amphenol FCi	title BERGSTAK+ 0.8mm PLUG CONN	dwg no 10139085	rev L		
		0.XX	±0.15						
		0.XXX	±0.08						
	angular	0°	±2°					cat. no. -	Product - Customer Drw

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RECOMMENDED PLUG PCB LAYOUT WITH PEG



RECOMMENDED PLUG PCB LAYOUT WITHOUT PEG

spec ref		-		dr		Eric Huang		2016/08/02		projection		mm		size		A3		scale		1:1					
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Alan Ni						2024/03/26		ecn no				ELX-N-50571-1					
ISO 406 ISO 1101						chr		-						-		rel level				Released					
				appr		Tim Yao		2024/03/28		product family				-											
surface ISO 1302		linear		0.X		±0.3		Amphenol FCi		title		BERGSTAK+ 0.8mm						dwg no		10139085		rev		L	
				0.XX		±0.15																			
				0.XXX		±0.08																			
				angular		0°		±2°				cat. no.		-		Product - Customer Drw				sheet 4 of 4					